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JAN 22 2023

**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Complete if Known

Applicati n Number	10/054.680
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Filing Date	01/22/02
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First Named Inventor	Friddle
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Group Art Unit	1641
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Examiner Name	To be assigned
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Attorney Docket Number	LEX-0301-USA
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Sheet

1

of

2

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date _____

Considered

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Substitute for form 1449B/PTO			Complete If Known		
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/054,680	
			Filing Date	01/22/02	
			First Named Inventor	Fridle	
			Group Art Unit	1644/1647	
			Examiner Name	To be assigned	
Sheet	2	of	2	Attorney Docket Number	LEX-0301-USA

**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Complete if Known

Applicati n Number	10/054,680
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Filing Dat	01/22/02
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First Named Inventor	Friddle
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Group Art Unit	1544 1647
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Examiner Name	To be assigned
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Attorney Docket Number	LEX-0301-USA
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

[illegible]

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Examiner Signature		Date Considered	8/26/03
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Sheet	1	of	
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Application Number	10/054,680
Filing Date	01/22/02
First Named Inventor	Friddle
Group Art Unit	1644 1647
Examiner Name	To be assigned - Nichols
Attorney Docket Number	LEX-0301-USA

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Examiner Initials*	Cite No.¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code² (if known)			
AA	4,215,051	—	Schroeder et al	07/29/80		
AB	4,376,110	—	David et al	03/08/83		
AC	4,584,595	—	Struckman	06/10/86		
AD	4,631,211	—	Houghten	12/23/86		
AE	4,689,405	—	Frank et al	08/25/87		
AF	4,713,326	—	Dattagupta et al	12/15/87		
AG	4,873,191	—	Wagner et al	10/10/89		
AH	4,946,778	—	Ladner et al	08/07/90		
AI	5,252,743	—	Barrett et al	10/12/93		
AJ	5,272,057	—	Smulson et al	12/21/93		
AK	5,424,188	—	Fodor et al	06/13/95		
AL	5,445,934	—	Fodor et al	08/29/95		
AM	5,459,127	—	Felgner et al	10/17/95		
AN	5,556,762	—	Lockhart et al	09/17/98		
AO	5,700,637	—	Southern	12/23/97		
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AQ	5,830,721	—	Stemmer et al	11/03/98		
AR	5,837,458	—	Minshull et al	11/17/98		
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AW	6,110,480	—	Thierry	08/28/00		
AX	6,150,584	—	Kucherlapati et al	11/21/00		

Examiner Signature	<i>G. Miller</i>	Date Considered	1/8/2003
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/054,680
		Filing Date	01/22/02
		First Named Inventor	Fiddle
		Group Art Unit	1644 1/47
		Examiner Name	To be assigned <i>Nichols</i>
Sheet 2	3	Attorney Docket Number	LEX-0301-USA

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AY		Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", Science 242:423-426.	
AZ		Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", Methods in Enzymology 153:516-544.	
BA		Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol. Biol. 150:1-14.	
BB		Cote et al., 1983, "Generation of human monoclonal antibodies reactive with cellular antigens," Proc. Natl. Acad. Sci. USA 80:2026-2030.	
BC		Gautier et al, 1987, "α-DNA IV: α-anomeric and β-anomeric tetrahydrydylates covalently linked to intercalating oxazopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641.	
BD		Gordon, 1989, "Transgenic Animals", International Review of Cytology, 115:171-229.	
BE		Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444.	
BF		Gu et al, 1994, "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", Science 265:103-106.	
BG		Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.	
BH		Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.	
BI		Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H", FEBS Letters 215(2):327-330.	
BJ		Inoue et al, 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucleic Acids Research 15(15):6131-6149.	
BK		Inouye & Inouye, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110.	
BL		Janknecht et al, 1991, "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", PNAS 88:8972-8976.	
BM		Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497.	
BN		Lakso et al, 1992, "Targeted oncogene activation by site-specific recombination in transgenic mice", Proc. Natl. Acad. Sci. USA 89:6232-6236.	
BO		Lavitrano et al, 1989, "Sperm Cells as Vectors for Introducing Foreign DNA Into Eggs: Genetic Transformation of Mice", Cell 57:717-723.	
BP		Lo, 1983, "Transformation by Ionophoretic Microinjection of DNA: Multiple Integrations without Tandem Insertions", Mol. Cell. Biology 3(10):1803-1814.	

Examiner Signature	<i>G. Nichols</i>	Date Considered	1/8/2003
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/054,680
		Filing Date	01/22/02
		First Named Inventor	Friddle
		Group Art Unit	164+ 1647
		Examiner Name	To be assigned Nichols
Sheet	3	Attorney Docket Number	LEX-0301-USA

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the document (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
CS	BQ Logan et al, 1984, "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", Proc. Natl. Acad. Sci. USA 81:3655-3659.
CS	BR Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster aprt Gene", Cell 22:817-823.
CS	BS Morrison et al, 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", Proc. Natl. Acad. Sci. USA 81:6851-6855.
CS	BT Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076.
CS	BU Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", Nature 312:604-608.
CS	BV Nisonoff, 1991, "Idiotypes: Concepts and Applications", J. of Immunology 147:2429-2438.
CS	BW O'Hare et al, 1981, "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531.
CS	BX Ruther et al, 1983, "Easy identification of cDNA clones", EMBO Journal 2(10):1791-1794.
CS	BY Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156.
CS	BZ Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.
CS	CA Smith et al, 1983, "Molecular Engineering of the Autographa californica Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", J. Virol. 48(2):584-593.
CS	CB Stein et al, 1988, "Physicochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.
CS	CC Szybalska & Szybalski, 1962, "Genetics of Human Cell Lines, IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034.
CS	CD Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454.
CS	CE Thompson et al, 1989, "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells", Cell 58:313-321.
CS	CF Van Der Putten et al, 1985, "Efficient insertion of genes into the mouse germ line via retroviral vectors", Proc. Natl. Acad. Sci. USA 82:6148-6152.
CS	CG Van Heeke et al, 1989, "Expression of Human Asparagine Synthetase in Escherichia coli", J. Biol. Chemistry 264(10):5503-5509.
CS	CH Ward et al, 1989, "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli", Nature 341:544-546.
CS	CI Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232.
CS	CJ Wigler et al, 1980, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570.

Examiner Signature	<i>[Signature]</i>	Date Considered	1/8/2003
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